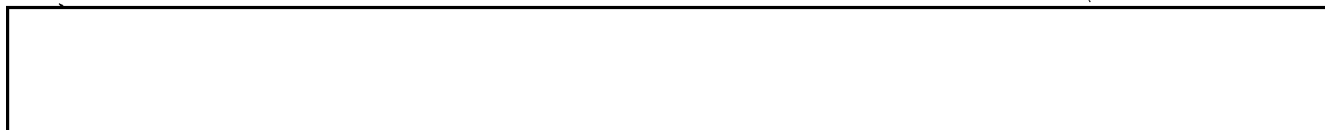


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"P. I. Performance Studies"
Status Report for the Period of
29 January through 24 March 1968

This status report covers approximately a two month period of work performed with

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Work during the previous reporting period ended with the taking of photographs suitable for use in the radar ground resolution study.

Work during this reporting period included three major efforts. These were:

1. The production of test material stimuli.
2. The selection of subjects and teams.
3. Conduct of the study and analysis of the P. I. results (overlays) by radar specialists.

1. Two duplicate sets of positive transparencies were compiled for each of six resolutions. Two sets of enlargement prints from a single frame of the stereo pair were made to control the scale of the P. I. overlays. A trip was made by on February 13th to have review the transparencies. A trip was also made to Headquarters to develop the radar requirements (EEI) for which the P. I.'s would have to respond.

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2. Six P. I.'s were selected as subjects for the study. They were divided into three teams of two men each. Each man initially worked independently and then together with his team partner to make a consensus overlay.

3. The study was run from February 27th to March 14th. All subjects were highly motivated and it is felt that they deserve recognition for the fine cooperation given in the performance of their duties.

NGA Review
Complete

The results generated by the P. I.'s were reviewed in detail by two radar specialists Their analysis is being used as a base for determining the ground resolution needed for the interpretation of radar equipment. A trip to Headquarters and made during this phase of the task.

Total hours expended to date are There is approximately funds remaining.